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AN INTRODUCTION TO FOREIGN ARTILLERY

MODELS; A CHECKLIST OF BOOKS  
AND MILITARY PERIODICAL  
ARTICLES COVERING SPECIFIC MODELS

(GUN, GUN-HOWITZER, HOWITZER, MORTAR, RECOILLESS RIFLE)

BY

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## FOREWORD

This checklist presents a partial listing of field artillery weapons developed since approximately the year 1900 by various foreign countries for their own or export use. Arrangement is in two parts. Part one deals with weapons under the categories of gun, gun-howitzer, howitzer, mortar, and recoilless rifle by specific bore diameter size and, then, by specific model number. In some cases model designation is an approximation of the exact in-country nomenclature. If the Morris Swett Library has books on a given item the applicable Library of Congress classification number for such material is cited. The following cataloging data reflects the Library of Congress method for classifying the world's field artillery and shows that training for firing originally was considered separately from the mechanical aspect of the actual weapon. With this introductory information in hand, browsing throughout various libraries set up on the LC principal is possible.

### LIBRARY OF CONGRESS CLASSIFICATION SYSTEM

#### "UF160 Gunnery: Field Artillery Drill Regulations;

.1	Gun Drill	.2	Howitzer Drill
.11	75mm Gun, M1897, Truck Drawn	.20	75mm How
.12	75mm Gun, M1897	.21	105mm How
.13	75mm Gun, M1916	.211	155 mm How
.14	75mm Gun, M1917	.21	Towed
.141	75mm Gun, M2	.22	6-in How
.15	3-in Gun	.23	8-in How
.158	4.5-in Gun		250mm How UF 160.19"
.16	4.7-in Gun		
.17	.6-in Gun		
.18	155mm Gun		
.182	280mm Gun		
.19	8-in and 240mm Howitzer		

#### "UF563 Ordnance Material (Ordnance Proper):

.A4	mm or cm
.A5	in
.A6	Pounds
.A7-8	by class
.A7	Coast Guns
.A75	Mortars
.A76	Railway Gun
.A77	Trench Warfare
.A8	Subcaliber Guns"

#### "UL303 Ordnance and Gunnery:

.A3	Genl
.A4	mm or cn
.A5	in
.A6	Pounds
.A7	Coast Guns

NOTE: UF160 and UF563 are basically used for historical works on artillery.

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SPECIAL	
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.A75	Mortars
.A76	Railway Guns
.A77	Trench Mortars
.A78	AAA Guns
.A8	Subcaliber Guns
.A85	Aircraft Guns
.A9	Guided Missiles"

Part two deals with weapons under the categories of gun, gun-howitzer, howitzer, and mortar by bore diameter size and model description as covered by nine military periodicals. As with part one, no attempt at being inclusive has been achieved. In fact, no single work is known to have yet even given just the total nomenclatures for any artillery system--U.S. or foreign. The intent throughout has been to present historical and contemporary coverage of artillery weaponry as developed for field use.

Inclusion of an item, or accidental omission, does not imply USAFAS indorsement or sanction of the compiler's point-of-view, nor does it guarantee accuracy of content. Comment and criticism concerning this list is solicited.

LESTER L. MILLER  
REFERENCE LIBRARIAN

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### ABBREVIATIONS USED

* AA AT BL Div GP GPF LC: MDM MK MM QF RF SP Vert. File	= = = = = = = = = = = = = =	Asterisk Denoting Vert. Files Antiaircraft Antitank Breech Loading Division General Purpose Grande Puissance Filloux Library of Congress Classification Number Medium Mark Millimeter Quick Firing Rapid Firing Self-Propelled Vertical File
---	--	--

GUN

Gun = Long range, high muzzle velocity, flat trajectory, over 30 calibers in barrel length.

30-MM

AMX-DCA 30, SP, France  
Falcon, Great Britain.  
HSS831 (H0831-SLM) Hispanzo-Suiza,  
Switzerland.

M53/59 AA, Twin, Czechoslovakia.  
Type 661, AA Switzerland.

\*UL303  
S978  
U4  
Vert. File

---

35-MM

Flakpanzer 1, Germany.

K63, AA, Switzerland.

---

37-MM (1.45", One Pounder)

M38/39, USSR.

M1916, RF, France.

UL305  
F84  
US  
1917, 1917a

M1939, Light AA, USSR.

---

40-MM

BOFORS 75, AA, Sweden.  
L60, AA, BOFORS, Sweden.  
L70, BOFORS, SWEDEN.

M40, Spain.  
UF671.52  
S7

M48/L70, AA, Sweden.

---

45-MM

M37, AT, USSR.

M1942, AT, USSR.

47-MM

AT, SP, Czechoslovakia, Germany.

U15,	*UL305,	UL305
U55	G3	G3W3
No. 165	WZ	1937
	1943	
	Vert. File	

---

50-MM

PAK 38, AT, Germany

---

57-mm (2.244", 6-Pounder)

AA, BOFORS, Sweden.

M1950 (S60), 25-U-57-2, AA, USSR.

\*UL305  
S878  
c1947  
Vert. File.

M1955, AUX, SP, AT, USSR.

S-60 (25-U-57-2), USSR, SP, AA.

T48, SP, USSR - (WWII U.S. Lend  
Lease to USSR).

AA, Czechoslovakia.

ZSU57, AA, USSR.

AA, Germany

ZSU57-2, AA, SP, USSR.

\*UL305  
G34  
W2  
1943

ASU57, SP, USSR.

BOFORS, AA, Sweden.

M54, AA, Germany

M1943 (Z1S-2), AT, USSR

---

65-MM

M1906, France.

UF228,	UF440,	UL305
A5	F8	F84
Pt. 1	1924	1924

75-MM (2.95275")

L60, Coastal, Sweden.

Light Field, Spain.

M16, SP, Germany

\*UF460.45, UL305  
G3U6 G3  
1943 \*75-MM)  
Vert File K6

MPD, France.

UL305  
F84  
S3  
1911c

MPD, 12, Schneider, France.

UL305  
F84  
S3  
1911a

M38 (1905), Field, Japan,

PAK 40, AT, Germany.

M41 (1908), Mountain, Japan.

M94 (1934), Mountain, Pack, Japan.

75, France.

M1897, France.

UF147, UF150.3, UF150.5, UF222,  
B2 F383 B7 A5  
1920, 1922

UF160.12, UF228  
A5 A5  
1918a PT 1

UL305 , UL500  
F84 F8  
A8, D3, D4, D6, S3 1918

M1897, M1, France. "Soixante-Quinze"

UL303, UL305  
A4 F84  
(75-mm) (75-mm)  
A5 U5  
1925 1918

75/18, M35, Italy.

UL305  
I84  
1936, 1942a

M1897A4, AT, France

\*UL305  
F84  
U5

75/22, Spain.

M1917, Great Britain.

75/46, AT, Spain.

UL305  
G74  
U5  
1918, 1918a

UL305  
S74  
(75-mm)  
A5  
1960

MC, Schneider, France

UL305  
F84  
S3  
1908

75/60, Schneider, France

UL 305  
F84  
S3  
1911

MD, Schneider, France.

UL305  
F84  
S3  
1909

Type 94, Mountain, China.  
(Née Japan MDL)

MPC 2, Schneider, France.

UL305  
F84  
S3  
1910

---

76-MM (17-Pounder)

M1902/30, USSR.

UL305  
R94  
(76-mm)  
1939  
A4

MC5, France.

UL 305  
F84  
(76-mm)  
S3  
c1910

M1938, Mountain, USSR.

SPG-9, Recoilless, USSR.

M1942 (ZIS-3), Div. Gun, USSR.

SU76, SP. AT. USSR.

UL403.5  
U5  
730/636-1  
c1953

---

76.2-MM

M48B1 (B1A1-1; B1A2, B2), Mountain, Yugoslavia.

---

77-MM

Germany.

UL305  
G34  
(77-mm)  
F8  
c1917

M1896, FK 96, Field Gun, Germany.

UL305  
G34  
(77-mm)  
G3  
c1965



82-MM

B10, AT, Recoilless, Czechoslovakia,  
USSR

M60, AT, Yugoslavia

M59A, Recoilless, Czechoslovakia.

---

85-MM

ASU85, SP, AA, USSR.

M1944 (KS18), Tank Gun, USSR

M44, AA, USSR

\*UL400.2

R9U4

M52, Field Gun, Czechoslovakia.

c1952

Vert. File

M1939 (KS12), AA, USSR

M1942, USSR

M1945 (D44, D48, SD44), AT, USSR.

UL403.5

SD44, Aux, Prop., USSR.

U5

730/626

---

88-MM (25 Powder)

88/56, Spain.

L56, Krupp, AA, Germany.

UL305

\*UF157.316,

UL305

S74

G3G7

G34

(88-mm)

1942

(88-mm)

A5

Vert. File

S8

1937

Flak 18, 36, 37, Germany.

Flak, 36, AA, Yugoslavia.

---

90-MM

AT, SP, West Germany.

M50 and M57, AT, Switzerland.

CN 90-F1, France.

Mecar, Light, Belgium.

Field, South Africa.

IKV103, SP, Sweden.

JPZ4-5, SP, AT, West Germany.

KV 90 S73 (Bofors), Sweden.

---

95-MM

M58, AT, Finland.

---

100-MM

D10, and D10T, and D10TG, Tank, AT, USSR.

M1953, Towed, Field, USSR.

M49, (KS19), AA, USSR.

M1955, AT, Field, Czechoslovakia,  
USSR.

M53, Field, AT, Czechslovakia.

SU100, SP, AT, USSR.

M1944, (D10), Field, Tank, USSR.

T12, AT, USSR.

M1949, (KS19), Heavy, AA, USSR.

Tank, USSR.

---

105-MM (4.13")

Abbot, SP, Towed, Great Britain.

Light, France.

CN-105, F1, Tank, France.

Light, India.

D1504, Tank, France.

M35, Mdm, Bofors, Switzerland.

Flak 38, AA, Germany.

M1913, France.

FV 433, (Abbot), SP, Great Britain.

M1932, Germany.

UL305

M1941, Field, USSR.

G74

(105-mm)

M1968, Recoilless, Argentina.

K, SP, AT, Austria

Smooth-Bore, West Germany.

L7A1, L7A2, L7A3, Tank, Great Britain.

L74, (Bofors), Tank Sweden.

---

107-MM

B11, AT, Recoilless, Czechoslovakia,  
USSR.

M1940 (M60), USSR.

---

110-MM

L10, Tank, West Germany/Great Britain.

---

115-MM

U-5TS, Tank, USSR.

---

120-MM (4.7")

L2 BAT, AT, Great Britain.

L11A3, Tank, Great Britain.

L4 MOBAT, Recoilless, AT, Great Britain.

Smooth-Bore, Tank, West Germany.

L6 WOMBAT, AT, Recoilless, Great Britain.

---

122-MM

D30, Towed, USSR.

M1931/37, AA, Bulgaria, USSR.

D74, SP, USSR.

\*UL305

R94

M37, USSR.

(122-mm)

U4

M60, Tampella, Finland.

1949.

Vert. File

M1937 (A19), USSR.

M1955 (D74), Field, USSR.

M1974, (SP 74), SP, USSR.

122/46, Spain.

---

128-MM

SP, Germany.

\*UF460.45

G3

U61

1943a

Vert. File

---

130-MM

L50, USSR.

M1936 (?), Coast, USSR.

\*UL305

R94

(130-mm)

U4

Vert. File

M1946, Field, USSR, China.

M1955 KS-30, AA, Heavy, USSR.

SM-4-1, Coastal, USSR.

M46, and M56, Towed, Field Gun, AT, USSR.

M55, (KS-30), AT, AA, USSR.

145-MM

M1916, France.

UL305  
F84  
(145-mm)  
A5  
1925

---

149-MM

Med, Italy.

\*UL305  
I84  
(149-mm)  
P2  
1936  
Vert. File

---

150-MM

Assault, Germany.

U15  
U55  
#165  
c1941

SCZ, (Schneider), France.

UL305  
F84  
(150-mm)  
S3  
1910.

---

152-MM

JSU152, SP, USSR

SU152, SP, USSR.

152/45, Italy

UL305  
I84  
(152-mm)  
1940

M1975, SP, USSR.

---

155-MM

GCT, SP, France.

M1918, France.

GCT, SP, (Leopard), Tank, West  
Germany.

UF 228, UF470.5 UL303  
A5 F8 A4  
PT.1 1924 (155-mm)  
1927 A5  
1918b

155-MM (Cont)

L50 (VK155 L/50), SP, Auto, Sweden.

M1877-1914, France.

UF 228  
A5  
PT.1  
1924

M1918, MI, (Filloux), France.

UL350.2  
155-mm G  
A5  
1918

M1917, GPF, France.

UF228,      UL196,  
A5            U5  
PT.1        1918  
c1925, 1929

\*UL305  
F84  
155-mm  
S31  
1919  
Vert. File

MK F3, SP, France.

SP70, Intl.

---

180-MM

USSR.

---

194-MM

G.P.F., France.

*UL303,	*UL305
A4	F84
(194-mm)	(194-mm)
S3	S3
1919	1919
Vert. File	Vert. File

---

220-MM

M1916, (Schneider), France.

UF228  
A5  
PT.1  
1924

---

2 CM (0.79")

Flakvierling 38, AA, Germany.

M41, AT, Germany.

---

4.2 CM

Pak 41, AT, Germany.

\*UL305  
G34  
(4.2 CM)  
G7  
1944  
Vert. File

---

7.5 CM

L20, Bofors, Sweden.

UL305  
S84  
(7.5 CM)  
B7  
1930

L48, Tank, Germany.

\*UL305  
G34  
(7.5 CM)  
G7  
1944

---

7.62-MM

Landing, Germany.

UL305  
G34  
(7.62-CM)  
R6

310, Tank, USSR.

UL305  
R94  
(7.62-CM)  
U4  
1950

---

8 CM

M5, Germany.

UL305  
A94  
K8  
1910

---

8.8 CM (3.46")

Pak 43, Tank, Germany.

UL305  
G34  
(8.8 CM)  
G7  
1945

Pak 43/41, AT, Germany.

\*UL305  
G34  
(8.8 CM)  
G7  
1941  
Vert. File

---

9 CM

1950, Switzerland.

1957, Switzerland.

---

10 CM

17, and 17/04, Germany.

18, 1, Germany.

UF231  
A5  
(2b)  
1921, 1935

UF231  
A5  
(2F)  
1938

---

10.5 CM (4.14")

L22 (1946) Switzerland.

L42 (1935), Switzerland.

L28, M1909, Germany.

UL305  
G34  
(10.5 CM)  
R6

---

12 CM

Assault, Bofors, Sweden.

UL305  
S84  
(12 CM)  
A4  
1947

---

14 CM

M43, Portugal.

\*UL305  
P84  
(14 CM)  
C5  
1951  
Vert File.

---

15 CM

L28 (1942, Switzerland)

M1916, Germany.

UF231  
A5  
(2c)  
1939

---

17 CM

Germany.

UL7,      \*UL305  
G3G7      G34  
No. 51    G7 (17 CM)  
1944      1944  
          Vert. File

---

24 CM

L/45, France.

UL305  
F87  
(24 CM)  
S3

---

27 CM

L/40, France.

UL305  
F87  
(27 CM)  
S3  
1908

---

2.56"

(Deport), Mountain, France.

\*UL305  
F85  
(2.56")  
M7  
c1911  
Vert. File

---

3" (15-Pounder)

M190 6, Mountain, QF, Germany.

MKI, and MKIII, Great Britain.

UL305  
G35  
(3")  
R6  
1906

UL305  
G75  
(3")  
G7  
1930

---



3.7"

MKI, II, and III, AA, Great Britain.

MK VI, HAA, Great Britain.

MK IIIA, AA, Great Britain.

---

4.5"

MK I, MK II, Great Britain.

UL305  
G75  
(5.5")  
G7  
1943

---

4.7" (120-mm)

"B", Great Britain.

UL305  
G75  
(4.7")  
G7  
1916

---

5.5"

BL, Towed, Great Britain.

MK III, Great Britain.

UL305  
G75  
(5.5")  
G7  
1943

---

6"

M1900, France.

\*UL303  
A5  
(6")  
S3  
1919  
Vert. File.

6" (Cont)

M1917 (Vickers MK VIIIA), Great Britain

MX XIX, Great Britain.

UL303  
A5  
(6")  
A5  
1921

UL305  
G75  
(6")  
G7  
1920

---

9.2"

MK IX "C", MK IX, MK X, and MK XV, Great Britain.

UL305  
G75  
(9.2")  
G7  
1923

---

32"

"Sebastopol" (Russ), USSR.

UL305  
G35  
(32")  
B8  
1946

---

1 Pounder (1.457", 37-mm)

QF (Maxim), Great Britain.

UL305  
G76  
(1 Pdr)  
G7  
1902)

---

2 Pounder

MK IX, and MK X, Great Britain.

UL 305  
G76  
(2 Pdr)  
G7  
1938

---

3 Pounder

MK I, MK II, QF, Tank, Great Britain.

UL305  
G76  
(3 Pdr)  
G7  
1929

---

6 Pounder (2.244", 57-mm)

M1/M1A1/M1A2/M1A3/SP Version, AT,  
Great Britain.

MK I, QF, Great Britain.

UL305  
G76  
(6 Pdr)  
G7  
1939

UL305  
G76  
(6 Pdr)  
G7  
1939

MK IV, AT, Great Britain.

---

12 Pounder

Germany.

UF157  
S8  
c1857

---

13 Pounder

MK I, MK II, and MK III, Great Britain.

UL305  
G76  
(13 Pdr)  
G7  
1929

---

17 Pounder (76-mm)

MK I, Towed, AT, Great Britain.

*UC470.3	*UL502.75
A6G3	G7
AB 2748	1943
C1950	Vert. File
Vert. File	

18 Pounder

MK I, MK II, Great Britain.

QF, Great Britain.

UL305  
G76  
(18 Pdr)  
G7  
1929

UL305  
G76  
(18 Pdr)  
G7  
1909, 1913, 1915

---

25 Pounder (3.45", 88-mm)

MI I, MI II, and MK III

MK 2/1, 3/1, 4, QF, Great Britain.

UL 305,      UL 601  
G76          A6  
G7 (25 Pdr)   G7 (25 Pdr)  
1944          1942a

UL 305  
G7  
(25 Pdr)

---

60 Pounder

MK I, and MK II, Great Britain.

UL 305  
G76  
(60 Pdr)  
G7  
1916, 1921, 1928

---

GUN-HOWITZER

Gun-howitzer = Napoleon III of France used this term in 1850 to describe shell ammunition which was designed to fire at a high muzzle velocity to combine the best features of the gun and howitzer in one all-purpose weapon.

75-mm (2.95275")

MK I, Pack, India

---

152-mm

M37, USSR.

M1937 (ML20), USSR.

M55, USSR.

---

155-mm

M68, SP, Soltam, Israel.

39 Cal, Soltam, Israel.

---

180-mm

S23, Towed, USSR.

---

203-MM (8")

M55, USSR.

---

25 Pounder (3.45", 88-mm)

Great Britain.

---

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HOWITZER

Howitzer = Medium range, medium muzzle velocity, medium curved trajectory, between 20 and 30 calibers in barrel length.

70-mm

M92 (1932), Japan.

---

75-mm (2.95275")

M35, and M37 (75/18), Italy.

M1902, Sweden.

UL305  
I84  
(75-mm)  
F6  
1936, 1942a.

---

76-MM

M1927, USSR

M1943, USSR.

M1938, Mountain, USSR.

M1948 (B1), Yugoslavia

---

98.09-MM

Germany.

UL305  
G34  
(98.09-mm)  
S7  
1914

---

105-mm (4.13")

AMX105A, (AMX105/50), AMX105B, SP, France.	M50, France.
4140, (L/28), Field, Sweden.	M56, (M1956), Yugoslavia.
LFH18, Light, Germany.	M56, 105/14, Pack, Italy.
LFH37/10, Light, Finland.	M61/37, Finland.
Light, France.	M109U, Switzerland.
*UC470.3	M1898-09, Germany.
A6 G3	UL305
FA5251	G34
1952	(105-mm)
Vert. File	U5
Light, India.	1922
Light, Spain.	O.C. 105, No. 5, France.
Light, West Germany.	UL305
M18/18M/39, West Germany.	F84
M18/40, Germany.	(105-mm)
M18/49, Czechoslovakia	S3
M37/10, M61/37, Finland.	1912
M40, Light, Sweden.	105/14, Italy.
M46, Switzerland.	UL305
	I84
	I8
	c1959
	4140, Light, Sweden.

---

120-MM (4.7")

O.C. 120, No. 2, France.

UL305  
F84  
(120-mm)  
S3  
1912

---

122-MM

D30, USSR.

122-MM (Cont)

M1909, USSR.

UL305  
R94  
(122-mm)  
R9  
1925

M1938, Korea.

\*UL305  
K84  
(122-mm)  
A5  
1951  
Vert. File

M1910, USSR.

UL305  
R94  
(122-mm)  
R9  
1924, 1934

M1938, (M30), Field, USSR.

M1955 (D74), Field, USSR.

M1963 (D30), QF Fld, USSR.

M1910/30, Korea.

\*UL305  
K84  
(122-mm)  
AS  
1951  
Vert. File

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150-MM

FH18, Sweden.

H43 (1/12), "Brumbaer," Great Britain

\*UL305  
G34  
(150-mm)  
G7  
1945  
Vert. File

M40, Medium Field, Germany.

M42, Medium, Switzerland.

O.C. 150, No. 5, France.

UL305  
F84  
(150-mm)  
S3  
1912

M18, Medium, Germany.

M39, Field, Sweden.

---

152-MM

M18/46, Czechoslovakia.

M1937, ML20, USSR.

UL305  
R94  
(152-mm)  
1949

M1938 (M10); USSR.

M1943, (D1, D20, & D74), Field, USSR.

M1955 (D20), USSR.

155-MM

F, Field, Sweden.	M1917, France.
FH70, Towed, International	UL305
FH77, Field, Sweden.	F84
FH 155 (L), Field, West germany.	(155-mm)
	AS
	1925
GCT, SP, France.	M1917, Schneider, France.
L33, SP, Soltam, Israel.	UL196,
Light, West Germany.	U5
	(155-mm)
	1917
M50, France.	UL305
	F84
	(155-mm)
	U5
	1917a, 1918, 1919
M68 (33 Cal), Israel.	M1950, Field, France.
M109G, SP, West Germany.	MF, Sweden.
M1915, Schneider, France.	MK F3, SP, France.
	MK III, SP, France.
UL305	R50, 105/26, Spain.
F84	
(155-mm)	UL305
U5	S74
1917	(105-mm)
	S7
	1957
	SP, Italy.
	SP 70, International.

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203-MM

M55, Towed, USSR.	Siege, France.
M1955, Field, (Gun-howitzer), USSR.	UL305
	F84
	(203-mm)
	S3
	1912

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210-MM

M18, Germany.

U15  
U55  
c1940

M35, 210/22, Italy.

UL305  
I84  
(1910)  
1940

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220-MM

M1916, France.

UF470.5  
F8  
(220-mm)  
1924

M1917, (St. Chamond), France.

\*UL305  
F84  
(220-mm)  
S3  
1919  
Vert. File

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800-MM

Germany.

U15  
U55  
No. 21  
1940

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10.5 CM (4.14")

FH43, Germany.

\*UC470.3  
A6 G3  
FA1150  
1951  
Vert. File

GEB H40, Mountain, Germany.

\*UL305  
G34  
(10.5 CM)  
G7  
Vert. File

---

15 CM

FH18, Field, Germany.

M13, France.

\*UL305  
G34  
(15 CM)  
F8  
1918  
Vert. File

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42 CM

Austria-Hungary.

\*UL305  
A94  
(42 CM)  
V2  
c1942  
Vert. File

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3.7"

MK I, Great Britain.

UL305  
G75  
(3.7")  
G7  
1930

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4.5"

QF, Great Britain.

UL305  
G75  
(4.5")  
G7  
1914

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5"

BL, Great Britain.

UF155,	UL305
G71	G75
	(5")
	G7, 1915

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6"

MK I, BL, Great Britain.

UL305  
G75  
(6")  
G7  
1931

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7.2"

MK I, Great Britain.

\*UL305  
G75  
(7.2")  
G7  
1942  
Vert. File

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.8"

France

UL305  
G75  
(8")  
F8  
1917

MK VI, MK VII, and MK VIII,  
MK VIIa, BL, Great Britain.

UL303, A5 (8") A5 1921	UL305 G75 (8") G7 1917, 1920
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M1918, (Vickers), Mk VII, Great Britain

UL303  
A5  
(8")  
A5  
1921

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9.2"

MK I, and MK III, BL, Siege, Great Britain.

UL303, A3 1920	UL305 G75 (9.2") G7 1918, 1920
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MORTAR

Mortar = Short range, low muzzle velocity, very high trajectory, between 10 and 20 calibers in length.

47-MM

France.

UL305  
F877  
(47-mm)  
B8, 1936

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50-MM

M8, Light, Yugoslavia.

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51-MM

Light, Germany.

Light, Great Britain.

UL305  
G375  
(51-mm)  
B6  
1939

---

52-MM

Israel.

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60-MM

(Brandt), France.

M060 and M063, France.

UL305  
F877  
(60-mm)  
B8  
1936

60MC-A1, France.

Tampella, Israel.

Type 63, China.

Commando, Port, France.

CS, Type 1969, France.

Model C and Model L, EC1A, Spain.

M57, Yugoslavia.

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81-MM

(Brandt), France.

M1933, Switzerland.

UL305  
F877  
(81-mm)  
1936

M1944, Light, France.

M1972, Switzerland.

F1, Australia.

M081-61-C, M081-61-L, Light,  
France.

F2, Australia.

MW33, Switzerland.

81-MM (Cont)

Hotchkiss-Brandt, Argentina.

Stokes, France.

L, L1, Esperanza, Spain.

UL305

L1A1, Great Britain.

F877

M29 (1929), Sweden.

(81-mm)

1917

M31, Yugoslavia.

Tampella, Israel.

M38 and M56, Finland.

Tampella, Type C, Israel.

M44, France.

M68, Yugoslavia.

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81.4-MM

Standard, Germany.

UL305

G375

(81.4-mm)

S8

1939

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82-MM

M37, USSR.

Smooth-Bore, Czechoslovakia,  
Yugoslavia.

M1937, M1941, and M1943, USSR.

Type 53, China.

U428.6,

UL303

A5

R975

F47

(82-mm)

1951

A5

1951

MK X, Saudi Arabia

\*UL308.2

U61

(82-mm)

1958

Vert. File

90-MM

Type 97, China.

105-MM

Model 105-L, Esperanza, Spain.

107-MM

M38, M107, USSR.

M1938 and M107, Mountain, Pack, USSR.

UL604  
A4  
(107-mm)  
R9U4  
1950

120-MM (4.7")

Granatenwerfer 60, Austria.

M1964, Switzerland.

Light, France.

MO120-AM50, France.

\*UC470.3, UL305  
A62G3 F874  
2480 (120-mm)  
1952 U6  
1947

MO120-M60, France.

MO120-M65, France.

MO120-RT61, France.

M40, Finland.

Model L, and SL, Ecia, Spain.

M41C, (M1941) Tampella, Finland, Sweden.

M41, Switzerland.

M43 (M1943), M38 (M1938), USSR.

MW 64, Switzerland.

U428.6, UA19, \*UC470.3, UL305  
A5 U6 A3G3 R977  
F6 (120mm) FA398 (120mm)  
1950 1952 1953 U4  
Vert. File 1950

Soltam/Tampella, Israel.

Tampella, Finland.

Type 53/55, China.

M60, Austria.

UBM 52, Heavy, Yugoslavia.

M65, Tampella, Finland.

M120, M65/M120-RT-61/AM 50/MO-12-60,  
France.

M1938, M1943, Medium, USSR.

M1941, Switzerland.

120-MM (Cont)

M1945, USSR.

UF150.5  
R9U5  
(120-mm)  
1945

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150-MM

France.

UF480.5  
F8  
(150-mm)  
1925

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160-MM

M43, and M53, USSR.

M66, Finland

M1943, USSR.

M1953, Heavy, USSR.

Soltam/Tampella, Finland, Israel.

Type 60, China.

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240-MM (9.65")

M53, USSR.

M1953, Heavy, USSR.

Trench, France.

UF480.5  
F8  
(240-mm)  
1925

---

280-MM (11")

France.

UL305  
F875  
(280-mm)  
S3  
1911

---

8 CM

M34, Heavy, Germany.

UK23  
A42  
No. 18  
(8 CM)  
1943

---

21 CM

Long, Germany.

\*UF231  
A5  
No. 9  
1921  
(21 CM)  
1922  
Vert. File

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2"

Great Britain.

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3" (15-Pounder, 81-mm)

MK I, II, III, IV, and V,  
Great Britain.

MK I Stokes, Trench, Great Britain.

UL305  
G75  
(4.2")  
U4  
1947

UL303,      UL303  
A77      G777  
(3")      (3")  
A5      1916  
c1917, 1921,  
1929

---

4.2"

MK I, II, Great Britain

MK III, Great Britain..

UL305  
G75  
(4")  
U4  
1947



€

MK I, MK II, MK III, Great Britain.

UL 305  
G775  
(6")  
G7  
1920

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### RECOILLESS RIFLES

Recoilless Rifles: Anti-tank, long-muzzle velocity, rifles eliminate recoil (kick-back) by control of escaped propellant gases.

75-MM (2.95275")

Type 36 and Type 52. China.

Type 56, China.

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82-MM

B10, USSR.

M60 (B0) Yugoslavia.

M59 and M59A, T21, Czechoslovakia.

T21, Czechoslovakia.

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90-MM

MDL 50, AT, Switzerland.

PV 1110, AT, Bofors, Sweden.

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95-MM

M58, Finland.

---

105-MM

M65, Yugoslavia.

M68, Argentina.

---

106-MM

M40A1, Towed, Austria

Type M60, SP, Japan.

UL308.2  
J3U5  
(106-mm)  
1962

107-MM

B11, USSR.

---

120-MM

L4, MOBAT, Great Britain.

L6, WOMBAT, Great Britain.

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PERIODICALS CITED

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A85

UF1      Field Artillery Information Letter, U.S.  
F55

UF1      Field Artillery Journal  
F6

UF671.21      Foreign Documents Division Translation  
R9U5

U15      Intelligence Bulletin  
U8

UG1      Military Engineer  
P8

UL7      Ordnance Bulletin of Information  
U56

UD2      La Revue d'Infanterie  
R3

D743      Tactical and Technical Trends  
U52

GUN

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